Serial No.:   09/844,740

AMENDMENTS IN THE CLAIMS:

Please amend claims 37, 39 and 41 as follows:

37.   (Twice Amended)   A method for scrambling input data, comprising the steps of:

generating scramble data having a value which is randomly determined;

generating a pseudo-random number sequence in accordance with the value of the scramble data; and

generating scrambled data by performing a logical operation on the pseudo-random number sequence and said input data.

39.   (Amended)   A method for recording information onto a recording medium, comprising the steps of:

generating scramble data having a value which is randomly determined;

generating a pseudo-random number sequence in accordance with the value of the scramble data;

generating scrambled data by performing a logical operation on the pseudo-random number sequence and input data; and

recording the scramble data and the scrambled data onto the recording medium.

41.   (Amended)   A recording medium for recording information thereon,

wherein scramble data and scrambled data are recorded onto the recording medium,

the scramble data has a value which is randomly determined,

and the scrambled data is obtained by generating a pseudo-random number sequence in accordance with the value of the scramble data and by performing a logical operation on the pseudo-random number sequence and input data.

Attached hereto is an Appendix including the above amendments in annotated form.

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